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all the part that is reached by marine water, or rather by the tides; the others beginning in lagoons, where the water ceases to be subjected to alternate changes. Thus it has happened, to my persuasion at least, that there has been formed at some place red sandstone, with peculiar remains of vegetation and coal shales, though inferior in geological horizon with true coal plants. And for this reason, I say, that we have to admit the vegetation of the Old Red and that of the Coal, without putting too great reliance in the data furnished by palæontological botany concerning the age of stratification. But remark that I say this only of the red shales, compared with the coal formation; for indeed, as Professor Dawson says it, the slow change of vegetation in the coal-measures (putting aside the Old Red), is apparent from the lowest coal under the Archimedes limestone, to the highest strata of the coal-measures.

Pending nominations Nos. 481 to 491, and new nominations Nos. 492, 493 were read.

And the Society was adjourned.

Stated Meeting, April 3, 1863.

Present, eleven members.

Dr. WOOD, President, in the Chair.

Letters accepting membership were received from F. Forchhammer, dated Copenhagen, March 11th, 1863, and from Max Müller, dated 64 High Street, Oxford, March 14th, 1863.

Letters acknowledging the receipt of publications were received from the Royal Society at Upsal, September 15th; the Royal Geographical Society at Vienna, October 15th; the Royal Geological Institute at Vienna, October 4th; the Society at Wiesbaden, November 1st; the Geological Society at London, January 7th; and the Antiquarian Society at Worcester, March 2d, 1863.

A letter accepting correspondence and exchange of publications was read from the German Geological Society at Berlin, November 6th, 1862.

Letters informing the Society of the transmission of donations for the Library, were received from the C. Observatory of Russia, August 1st; the Royal Society at Upsal, September 15th; the Prince Jablonowski Society at Leipsic, January 6th; and the Society at Wiesbaden, November 11th.

Donations for the Library were received from the Central Observatory, St. Petersburg; Royal Society, Upsal; Royal University, Christiania; Geological and Horticultural Societies, Berlin; Prince Jablonowski Society, Leipsic; Geographical Society and Geological Institute, Vienna; Royal Academy, Munich; Natural History Societies at St. Gall, Wiesbaden, Lausanne, and Strasburg; Pontifical Academy, Rome; S. Bellardi, Turin; S. Bianconi, Bologna; M. Des Moulins, Bordeaux; Geographical Society, Paris; Royal, Royal Astronomical, Royal Asiatic, Chemical, and Geological Societies, London; Royal Society, Edinburgh; Royal Irish Academy; Rev. E. E. Adams, of Philadelphia, and the Bureau of Topographical Engineers, Washington.

Dr. Bache announced the death of a member, Judge Carleton, of Philadelphia, aged 76, on the 28th ultimo; and on motion of Dr. Bache, Mr. H. C. Carey was appointed to prepare an obituary notice of the deceased.

Pending nominations Nos. 481 to 493 were read.

On motion of the Librarian, the following names were placed on the list of corresponding societies: La Société Géographique de Russie, Die Deutsche Morgenländische Gesellschaft, and the Palæontological Society at London.

And the Society was adjourned.

Stated Meeting, April 17, 1863.

Present, thirteen members.

Dr. WOOD, President, in the Chair.

A letter acknowledging the receipt of publications was re-